

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E31435

Employer : PAML

Worksite : PAML - Ironbridge

Street : 611 N Perry St #2

Jurisdiction : City of Spokane

Survey Date : 5/31/2017

Survey Type : Online

Response Rate : 77%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 83.5%

Reported Total Employees at Worksite: 449

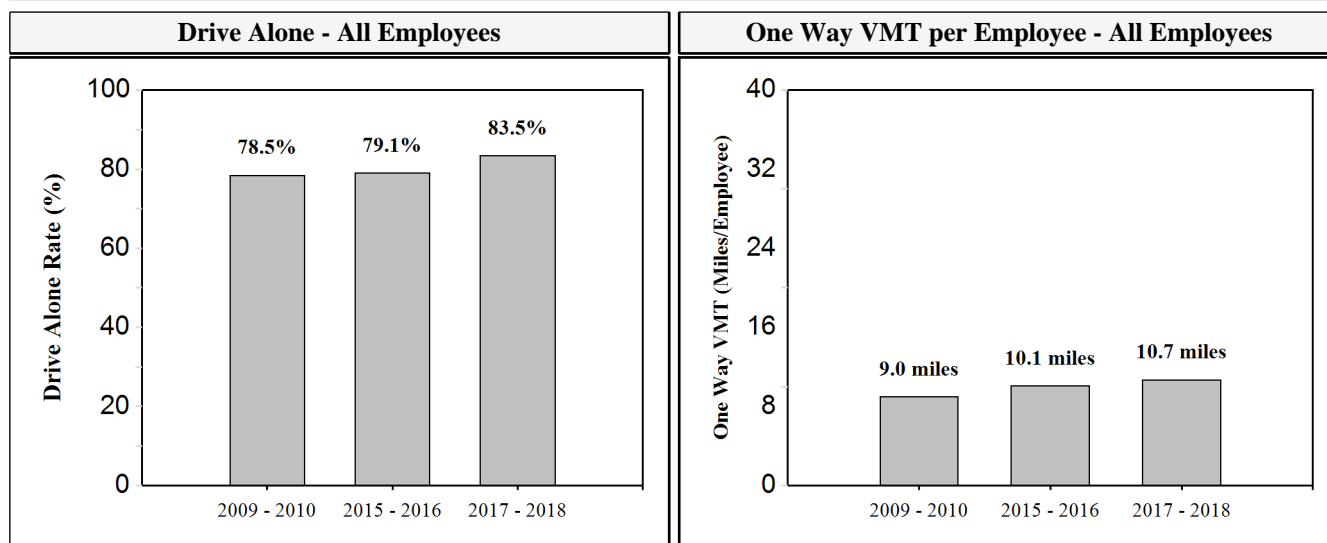
Surveys Distributed : 449

One-Way VMT per employee : 10.7

Surveys Returned : 344

Surveys Returned by CTR Affected Employees : 291

Total Estimated CTR - Affected Employees at Worksite : 380



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	78.5%	73.5%	9.0	8.4
2011 - 2012	80.1%	77.1%	9.3	9.2
2013 - 2014	86.1%	85.2%	10.5	10.2
2015 - 2016	79.1%	78.0%	10.1	9.9
2017 - 2018	83.5%	82.2%	10.7	10.5
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	6.4%	11.8%	18.9%	25.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2015 - 2016	2017 - 2018
Drive Alone - All Employees*	78.5%	79.1%	83.5%
Drive Alone - CTR Affected Employees*	73.5%	78.0%	82.2%
VMT/Employee - All Employees	9.0	10.1	10.7
VMT/Employees - CTR Affected Employees	8.4	9.9	10.5

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2009 - 2010	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	271	711	790
Estimated Emissions for Total Employment	458	920	1,030

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	18,621	51,261	45,553
Bus Annual Passenger Miles - Surveyed Employees	11,000	39,600	34,900
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	783
Ferry Annual Passenger Miles - Surveyed Employees	0	0	600
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

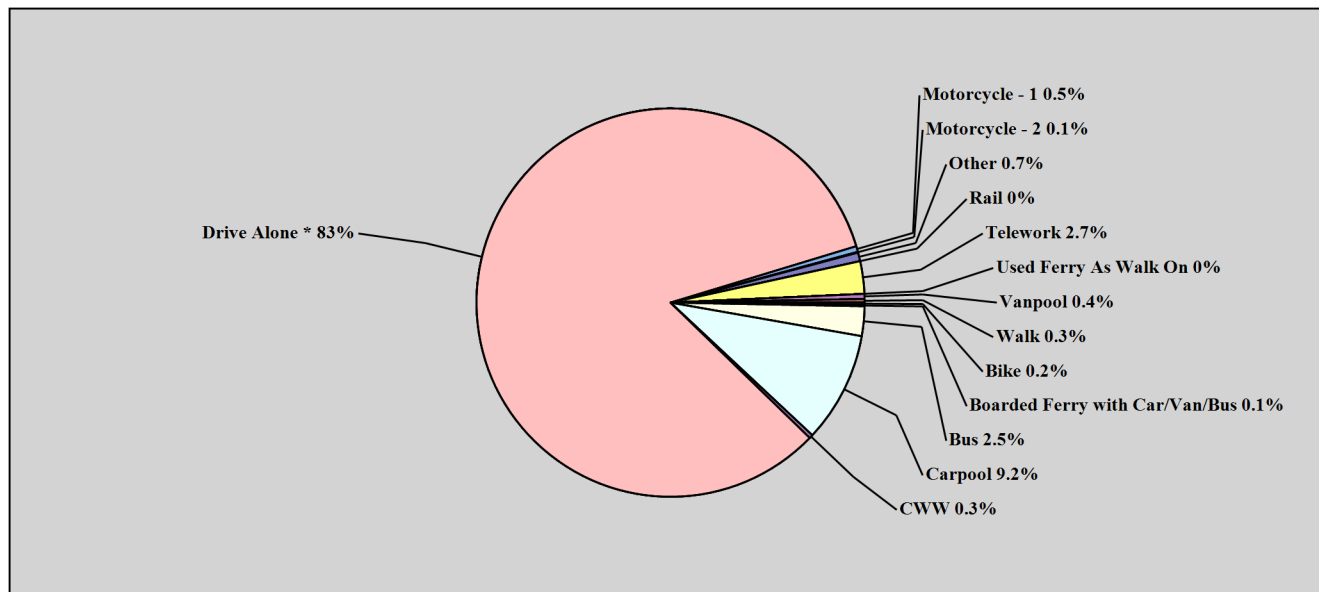
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.2 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



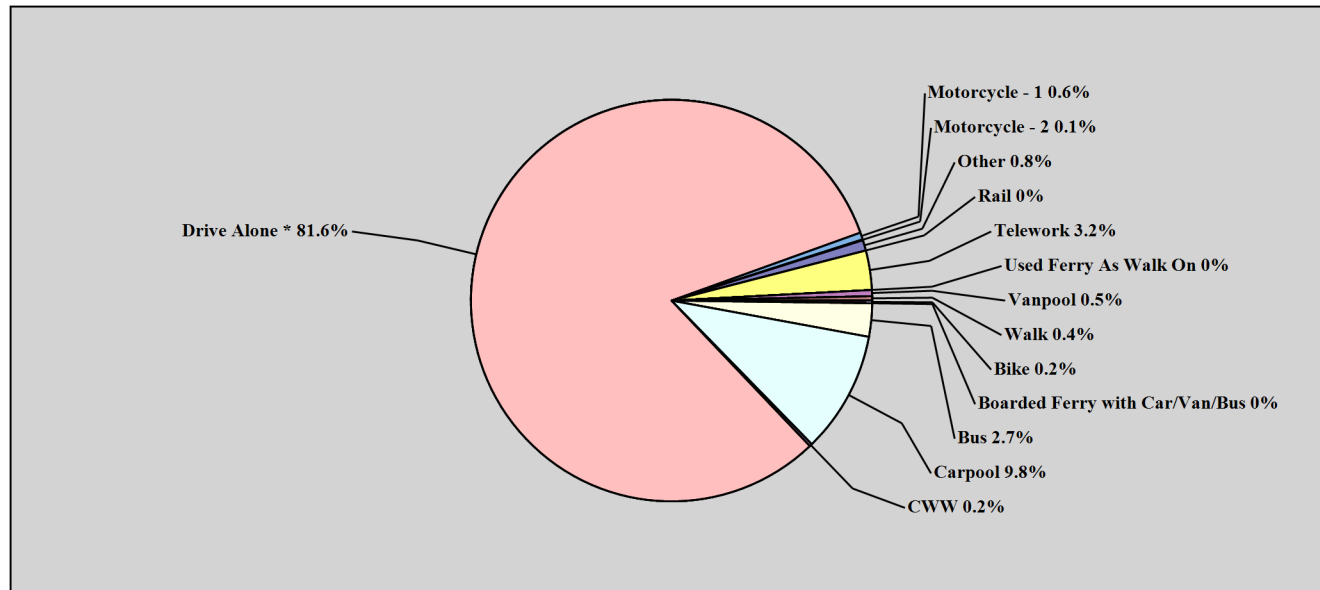
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,381	83.0%	78.8%	299	86.9%	82.2%
Carpool	153	9.2%	13.4%	40	11.6%	17.8%
Vanpool	7	0.4%	0.3%	2	0.6%	0.3%
Motorcycle - 1	8	0.5%	0.2%	2	0.6%	0.6%
Motorcycle - 2	1	0.1%	0.1%	1	0.3%	0.3%
Bus	41	2.5%	2.6%	10	2.9%	2.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.2%	0.3%	3	0.9%	0.6%
Walk	5	0.3%	0.3%	1	0.3%	0.3%
Telework	45	2.7%	1.6%	20	5.8%	3.5%
CWW	5	0.3%	0.5%	4	1.2%	2.0%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	12	0.7%	1.9%	3	0.9%	2.3%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,158	81.6%	77.7%	250	85.9%	81.7%
Carpool	139	9.8%	14.3%	36	12.4%	19.3%
Vanpool	7	0.5%	0.3%	2	0.7%	0.3%
Motorcycle - 1	8	0.6%	0.3%	2	0.7%	0.7%
Motorcycle - 2	1	0.1%	0.1%	1	0.3%	0.3%
Bus	38	2.7%	2.5%	9	3.1%	3.1%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.2%	0.3%	3	1.0%	0.7%
Walk	5	0.4%	0.0%	1	0.3%	0.0%
Telework	45	3.2%	1.7%	20	6.9%	3.4%
CWW	3	0.2%	0.6%	3	1.0%	2.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	12	0.8%	2.1%	3	1.0%	2.7%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	263	76%	344	100%
1 Days	16	5%	81	24%
2 Days	15	4%	65	19%
3 Days	8	2%	50	15%
4 Days	8	2%	42	12%
5 Days	32	9%	34	10%
6 or More Days	2	1%	2	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	212	66.3%	33	10.3%	9	2.8%	30	9.4%	0	0%	2	0.6%	1	0.3%	2	0.6%	49	15.3%
4 days a week (4/10s)	0	0%	8	80%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	10%
3 days a week	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	5	41.7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

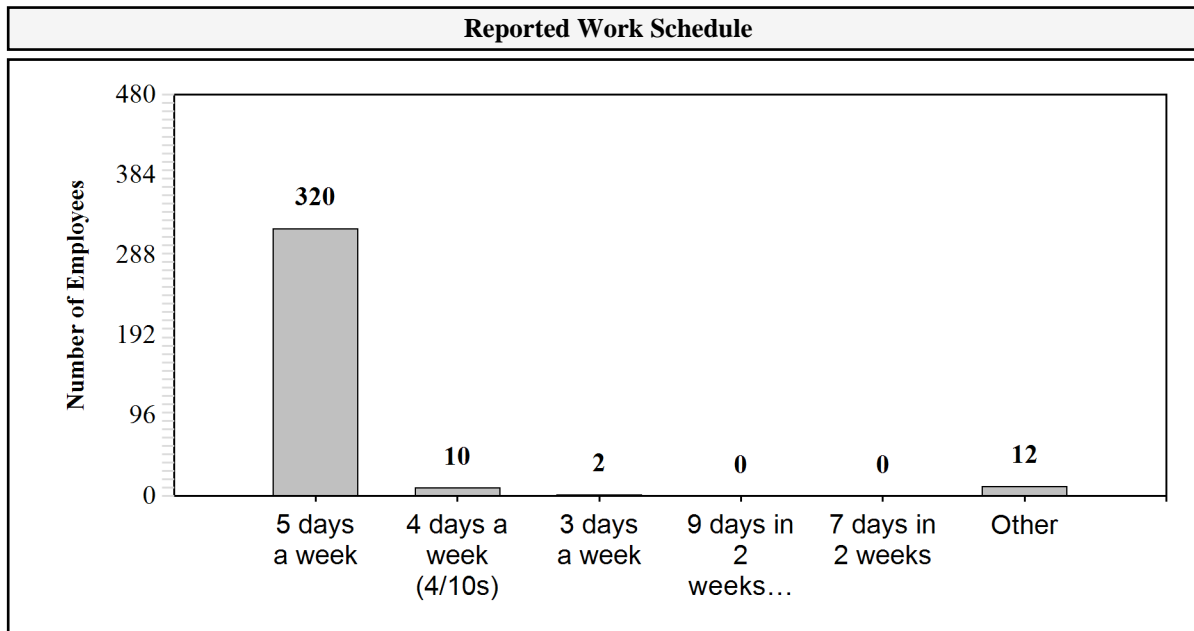
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	1
2	Carpool	148
3	Carpool	0
4	Carpool	5
5	Carpool	0
>5	Carpool	0
<5	Vanpool	3
5	Vanpool	0
6	Vanpool	4
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

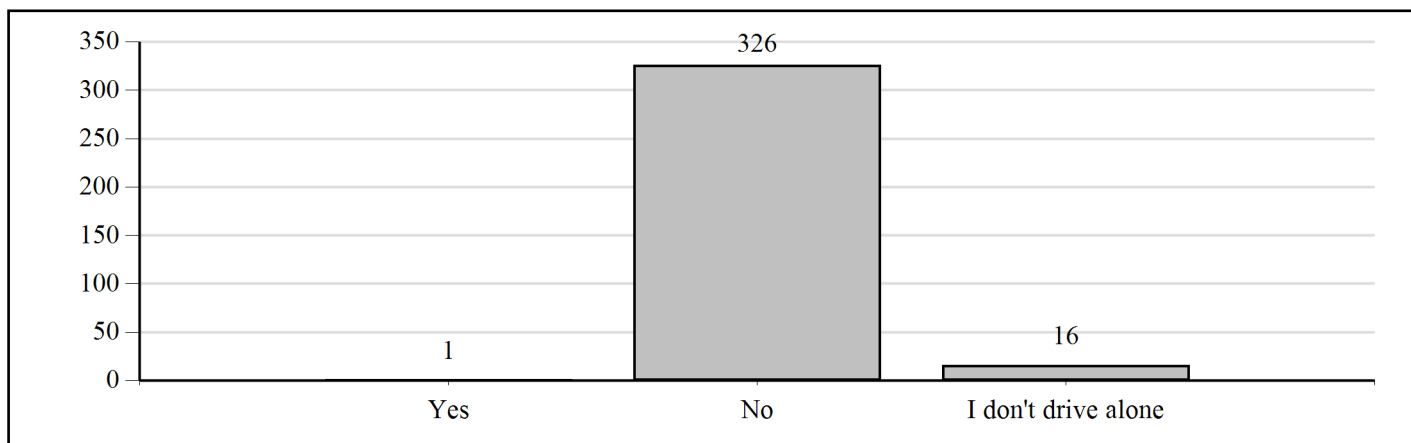
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	320	93%
4 days a week (4/10s)	10	2.9%
3 days a week	2	0.6%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	12	3.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.3%
I don't telework	266	77.3%
Occasionally, on an as-needed basis	43	12.5%
1-2 days/month	14	4.1%
1 day/week	11	3.2%
2 days/week	1	0.3%
3 days/week	8	2.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	120	20.4%
Other	81	13.8%
Personal health or well-being	69	11.7%
Environmental and community benefits	64	10.9%
Financial incentives for carpooling, bicycling or walking.	55	9.4%
I have the option of teleworking	54	9.2%
Driving myself is not an option	48	8.2%
Free or subsidized bus, train, vanpool pass or fare benefit	28	4.8%
Emergency ride home is provided	27	4.6%
Preferred/reserved carpool/vanpool parking is provided	20	3.4%
Cost of parking or lack of parking	15	2.6%
I receive a financial incentive for giving up my parking space	6	1.0%
To save time using the HOV lane	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	243	30.7%
Riding the bus or train is inconvenient or takes too long	182	23.0%
Family care or similar obligations	140	17.7%
Other	85	10.7%
My commute distance is too short	57	7.2%
Bicycling or walking isn't safe	38	4.8%
My job requires me to use my car for work	28	3.5%
I need more information on alternative modes	16	2.0%
There isn't any secure or covered bicycle parking	3	0.4%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	1	3
2	1	0	0	0	0	0	0	0	0	1
3	0	0	0	1	0	0	0	0	0	1
4	1	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	2
# Of Employees using Transit	4	0	0	1	0	0	0	0	1	12
Total One-Way Transit Trips Per Week	16	0	0	3	0	0	0	0	1	82

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	1	3
2	1	0	0	0	0	0	0	0	0	1
3	0	0	0	1	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	1
# Of Employees using Transit	4	0	0	1	0	0	0	0	1	10
Total One-Way Transit Trips Per Week	16	0	0	3	0	0	0	0	1	49

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
83810	1	0.29%	1	4	0	0	0	0	0	0	0	0	0	0	0
83814	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
83815	3	0.87%	5	4	4	0	0	0	0	0	2	0	0	0	0
83835	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
83854	12	3.49%	57	5	0	0	0	0	0	0	1	0	0	0	0
83858	6	1.74%	24	2	0	0	0	0	0	0	0	0	0	0	0
95942	1	0.29%	0	0	0	0	0	0	0	0	5	0	0	0	0
97351	1	0.29%	0	0	0	0	0	0	0	0	5	0	0	0	0
97381	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
99001	2	0.58%	10	1	0	0	0	0	0	0	0	0	0	0	0
99004	13	3.78%	54	3	0	0	3	0	0	0	2	2	0	0	0
99005	4	1.16%	21	0	0	0	0	0	0	0	0	0	0	0	0
99006	3	0.87%	14	0	0	0	0	0	0	0	0	0	0	0	1
99009	2	0.58%	7	0	0	0	0	0	0	0	0	0	0	0	0
99016	13	3.78%	54	2	0	0	5	0	0	0	3	0	0	0	0
99019	8	2.33%	26	3	0	0	4	0	0	0	4	0	0	0	0
99021	7	2.03%	31	0	0	0	0	0	0	0	0	0	0	0	0
99022	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
99025	6	1.74%	20	2	0	0	5	0	0	0	0	0	0	0	0
99026	4	1.16%	15	0	0	0	0	0	0	0	5	0	0	0	0
99027	6	1.74%	25	2	0	0	0	0	0	0	0	1	0	0	0
99030	2	0.58%	7	0	0	0	0	0	0	0	2	0	0	0	0
99031	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
99032	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
99033	1	0.29%	1	4	0	0	0	0	0	0	0	0	0	0	0
99036	1	0.29%	0	4	0	0	0	0	0	0	0	0	0	0	0



99037	9	2.62%	36	5	0	0	0	0	0	0	1	0	0	0	0
99156	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
99170	2	0.58%	9	0	0	0	0	0	0	0	0	0	0	0	0
99171	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
99181	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
99201	4	1.16%	18	0	0	0	3	0	0	0	0	0	0	0	0
99202	13	3.78%	55	8	0	1	0	0	0	0	0	0	0	0	0
99203	8	2.33%	24	6	0	4	5	0	0	0	0	1	0	0	0
99204	8	2.33%	39	0	0	0	0	0	0	0	0	0	2	0	0
99205	32	9.30%	135	5	0	0	6	0	2	5	6	0	0	0	0
99206	25	7.27%	95	22	0	0	0	0	0	0	1	1	0	0	0
99207	20	5.81%	71	23	0	0	0	0	0	0	2	0	0	0	0
99208	40	11.63%	155	22	0	0	10	0	0	0	2	0	0	0	0
99212	12	3.49%	46	10	0	0	0	0	0	0	0	0	0	0	5
99216	19	5.52%	91	0	0	4	0	0	0	0	0	0	0	0	0
99217	12	3.49%	50	5	0	0	0	0	1	0	3	0	0	0	6
99218	7	2.03%	26	3	0	0	0	0	0	0	0	0	0	0	0
99223	11	3.20%	41	0	0	0	0	0	0	0	1	0	0	0	0
99224	13	3.78%	54	8	3	0	0	0	0	0	0	0	0	0	0